IN THE CLAIMS:

The claims remain as follows:

1.   (Previously Presented)   A method for processing multimedia data, comprising:
indexing the multimedia data to an i by j matrix; and
storing a plurality of odd/even index sequences of the i by j matrix on a hard disk drive having a plurality of logic blocks, wherein at least two odd/even index sequences are stored in separate logic blocks of the hard disk drive.

2.   (Original)   The method of claim 1 wherein the multimedia data is selected from still image data and video image data.

3.   (Previously Presented)   The method of claim 24, further comprising, prior to retrieving data, disabling a data recovery procedure programmed on the hard disk drive.

4.   (Original)   The method of claim 1 wherein the multimedia data represents an image having i times j pixels.

5.   (Original)   The method of claim 1 wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages.

6.   (Previously Presented)   The method of claim 24, wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages; further comprising:
compressing the subimages before storing the i by j matrix on the hard disk drive; and
decompressing the reconstructed i by j matrix to render the image.

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7.   (Previously Presented)   The method of claim 1 wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

8.   (Previously Presented)   The method of claim 7 wherein the index sequences are stored in logic blocks on the hard disk drive and wherein each of the index sequences is separately stored in respective logic blocks.

9.   (Previously Presented)   The method of claim 7 wherein each index sequence is stored in one or more logic blocks on the hard disk drive and wherein each logic block contains portions of at most two different index sequences.

10.   (Previously Presented)   The method of claim 24,

wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;

wherein each index sequence is stored separately in one or more logic blocks on the hard disk drive;

wherein the reconstructing step further comprises, when a logic block is flawed, replacing data contained in one or more portions of the index sequences contained in the flawed logic block with one or more fixed values.

11.   (Previously Presented)   The method of claim 24,

wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;

wherein each index sequence is stored separately in one or more logic blocks on the hard disk drive;

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wherein the reconstructing step further comprises, when a logic block is flawed, interpolating one or more replacement values for one or more portions of the index sequences contained in the flawed logic block.

12.   (Previously Presented)   A tangible signal bearing medium, comprising a program which, when executed by a processor, performs a method comprising:

indexing the multimedia data to an i by j matrix; and

storing a plurality of odd/even index sequences of the i by j matrix on a hard disk drive having a plurality of logic blocks, wherein at least two odd/even index sequences are stored in separate logic blocks of the hard disk drive.

13.   (Previously Presented)   The tangible signal bearing medium of claim 25, wherein the method further comprises, prior to retrieving data, disabling a data recovery procedure programmed on the hard disk drive.

14.   (Previously Presented)   The tangible signal bearing medium of claim 12 wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages.

15.   (Previously Presented)   The tangible signal bearing medium of claim 25, wherein the multimedia data represents an image having i times j subimages, wherein the i by j matrix corresponds to the i times j subimages, and wherein the method further comprises:

compressing the subimages before storing the i by j matrix on the hard disk drive; and

decompressing the reconstructed i by j matrix to render the image.

16.   (Previously Presented)   The tangible signal bearing medium of claim 12 wherein the plurality of odd/even index sequences comprises an odd/odd index

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sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

17.   (Previously Presented)   The tangible signal bearing medium of claim 16 wherein each index sequence is stored in one or more logic blocks on the hard disk drive and wherein each logic block contains portions of at most two different index sequences.

18.   (Previously Presented)   The tangible signal bearing medium of claim 25,
        wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;
        wherein each index sequence is stored separately in one or more logic blocks on the hard disk drive; and
        wherein the reconstructing step of the method further comprises, when a logic block is flawed, interpolating one or more replacement values for one or more portions of the index sequences contained in the flawed logic block.

19.   (Previously Presented)   An apparatus for processing multimedia data, comprising:
        a processor;
        a memory connected to the processor; and
        one or more storage devices for storing multimedia data connected to the processor, wherein the processor is configured to perform a method for processing multimedia data, comprising:
            indexing the multimedia data to an i by j matrix; and
            storing a plurality of odd/even index sequences of the i by j matrix on a hard disk drive having a plurality of logic blocks, wherein at least two odd/even index sequences are stored in separate logic blocks of the hard disk drive.

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20.   (Previously Presented)   The apparatus of claim 26 wherein the processor is further configured to disable a data recovery procedure programmed on the hard disk drive, prior to retrieving the data.

21.   (Previously Presented)   The apparatus of claim 19 wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

22.   (Previously Presented)   The apparatus of claim 21 wherein the processor is further configured to store each index sequence in one or more logic blocks on the hard disk drive and wherein each logic block contains portions of at most two different index sequences.

23.   (Previously Presented)   The apparatus of claim 26,
        wherein the plurality of odd/even index sequences comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;
        wherein the processor is further configured to store each index sequence separately in one or more logic blocks on the hard disk drive; and
        wherein, when reconstructing the matrix, the processor is further configured to interpolate one or more replacement values, when a logic block is flawed, for one or more of the index sequences contained in the flawed logic block.

24.   (Previously Presented)   The method of claim 1, further comprising:
        retrieving data comprising the stored index sequences from the hard disk drive; and
        reconstructing the i by j matrix utilizing odd/even index sequencing of the retrieved data.

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25.   (Previously Presented)   The tangible signal bearing medium of claim 12, wherein the method further comprises:

retrieving data comprising the stored index sequences from the hard disk drive; and

reconstructing the i by j matrix utilizing odd/even index sequencing of the retrieved data.

26.   (Previously Presented)   The apparatus of claim 19, wherein the processor is further configured to retrieve data comprising the stored index sequences from the hard disk drive and to reconstruct the i by j matrix utilizing odd/even index sequencing of the retrieved data.

27.   (Previously Presented)   A method for processing multimedia data, comprising:

retrieving data from a data storage device, wherein the data comprises a plurality of odd/even index sequences of an i by j matrix representing multimedia data, wherein at least two odd/even index sequences are stored in at least two respective logic blocks on a hard disk drive; and

reconstructing the i by j matrix utilizing odd/even index sequencing of the retrieved data.

28.   (Previously Presented)   The method of claim 27, further comprising, prior to retrieving the data, disabling a data recovery procedure programmed on the hard disk drive, and wherein the reconstructing step further comprises, when a logic block is flawed, replacing data contained in one or more portions of the index sequences contained in the flawed logic block with at least one of a fixed value and an interpolated value.

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